Vladimir A Saetchnikov

List of Publications by Year
in descending order

14	62	1684188 5	1720034 7
papers	citations	h-index	g-index

14	14	14	29
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reusable Dispersed Resonators-Based Biochemical Sensor for Parallel Probing. IEEE Sensors Journal, 2019, 19, 7644-7651.	4.7	11
2	A Laser Written 4D Optical Microcavity for Advanced Biochemical Sensing in Aqueous Environment. Journal of Lightwave Technology, 2020, 38, 2530-2538.	4.6	11
3	Small Satellite Orbit Determination Methods Based on the Doppler Measurements by Belarusian State University Ground Station. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 59-66.	2.7	9
4	Mapping of the detecting units of the resonator-based multiplexed sensor. , 2018, , .		8
5	Quantification of whispering gallery mode spectrum variability in application to sensing nanobiophotonics. Journal of Nanophotonics, 2017, 11, 1.	1.0	7
6	Multiresonator Imaging Sensor for the Aerial Parameters Detection. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 84-91.	2.7	5
7	Orbit Determination Methods For LEO Satellites From Probabilistic Analysis, Circular Motion Model And Single Pass Doppler Measurements. , 2021, , .		4
8	Intelligent Optical Microresonator Imaging Sensor for Early Stage Classification of Dynamical Variations. Advanced Photonics Research, 2021, 2, 2100242.	3.6	3
9	Small Satellite Orbit Determination Using Single Pass Doppler Measurements. IEEE Journal on Miniaturization for Air and Space Systems, 2022, 3, 162-170.	2.7	2
10	Application of dispersed microresonator based sensor for aerospace-related tasks. , 2020, , .		1
11	Intelligent Optical Microresonator Imaging Sensor for Early Stage Classification of Dynamical Variations. Advanced Photonics Research, 2021, 2, .	3.6	1
12	Out-off-Focus Phased-Array Feed for Communication System Parabolic Reflector Antenna. , 2020, , .		0
13	Intelligent imaging sensor out of two-photon polymerized microcavities with self-sensing boosting. , 2021, , .		0
14	Two-photon polymerization in optical biochemical sensing. , 2019, , .		0